

**Provide & Supply Surveillance Equipment
Comparative Statement
Tender # ME/08/21-22**

Sr.#	Description	Qty	M/s. M.M. Corporation		M/s. Apollo Telecom (Pvt) Ltd (Option 1)		M/s. Apollo Telecom (Pvt) Ltd (Option 2)		M/s. Solar Shine	
			Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	CCTV Camera •4 MP Indoor WDR Fixed Cube Network Camera •Image Sensor: 1/3" Progressive Scan CMOS •Min. Illumination: Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 lux @ (F1.6, AGC ON), 0 lux with IR •Shutter Speed: 1/3 s to 1/100,000 s •Slow Shutter •Wide Dynamic Range: 120dB •Day & Night: IR Cut Filter •Angle Adjustment: Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° •Environment Noise Filtering •Simultaneous Live View up to 6 channels •Up to 32 users, 3 levels: Administrator, Operator and User •Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTp, SNMP, IGMP, 802.1X, CoS, IPv6, UDP, Bonjour, SSL/TLS •Wi-Fi Encryption Mode: WPA, WPA2 •Wi-Fi Protocol: IEEE 802.11b/g/n •Frequency Range: 2.412 GHz to 2.4835 GHz •Channel Bandwidth: 20M/40M •Transfer Rate: 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps •Wireless Range: 50 m •Face Detection •Power Supply: DC, PoE (802.3af) •1 year replacement Warranty •Model: DS-2CD2443GO-I(W) or Equivalent •Brand: HikVision or Equivalent	10	HikVision DS-2CD2443GO-I(W) Rs. 12,091.00	Rs. 120,910.00	HikVision DS-2CD2443GO-I(W) Rs. 14,826.00	Rs. 148,260.00	HikVision DS-2CD2443GO-I(W) Rs. 14,826.00	Rs. 148,260.00		
2	CCTV Camera •4 MP WDR Fixed Bullet Network Camera •Image Sensor: 1/3" Progressive Scan CMOS •Max. Resolution: 1/3" Progressive Scan CMOS •Min. Illumination: Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on •Shutter Time: 1/3 s to 1/100,000 s •Day & Night: IR Cut Filter •Angle Adjustment: Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° •Simultaneous Live View up to 6 channels •Up to 32 users, 3 levels: Administrator, Operator and User •Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTp, IGMP, 802.1X, CoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE •Face Detection •Network Storage: MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS/NFS, SMB/CIFS, auto network replenishment (ANR) •Power Supply: DC, PoE (802.3af) •1 year replacement Warranty •Model: DS-2CD2043G2-I(U) or Equivalent •Brand: HikVision or Equivalent	15	HikVision DS-2CD2043G2-I(U) Rs. 13,334.00	Rs. 200,010.00	HikVision DS-2CD2043G2-ISU/SL Rs. 19,765.00	Rs. 296,475.00	HikVision DS-2CD2043G2-I Rs. 14,377.00	Rs. 215,655.00		non-responsive, couldn't meet bidder's eligibility criteria
3	Network Video Recorder (NVR) •Up to 64 channel IP cameras •Up to 12 MP resolution •Incoming Bandwidth: 320 Mbps •Outgoing Bandwidth: 256 Mbps •Incoming Bandwidth (RAID Mode): 200 Mbps •Outgoing Bandwidth (RAID Mode): 200 Mbps •Decoding Format: H.265+/H.265/H.264+/H.264/MPEG4 •Dual-Stream Recording •Stream Type: Video, Video & Audio •Remote Connection •Network Interface: 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface •8 SATA interfaces supporting hot-plug •Capacity: Up to 10TB capacity for each disk •USB Interface: Front panel: 2 x USB 2.0; Rear panel: 1 x USB 3.0 •FCC Certification: Part 15 Subpart B, ANSI C63.4-2014 •CE Certification: EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4 •1 year replacement Warranty •Model: DS-9664NI-I8 or Equivalent •Brand: HikVision or Equivalent	1	HikVision DS-9664NI-I8 Rs. 163,850.00	Rs. 163,850.00	HikVision DS-9664NI-I8 Rs. 174,096.00	Rs. 174,096.00	HikVision DS-9664NI-I8 Rs. 174,096.00	Rs. 174,096.00		
Total				Rs. 484,770.00		Rs. 618,831.00		Rs. 538,011.00		
Tax (if Applicable)				Rs. 82,410.90		Rs. 105,201.27		Rs. 91,461.87		
Grand Total				Rs. 567,180.90		Rs. 724,032.27		Rs. 629,472.87		

Dr. Hilal Anwar Butt	Chairperson PC-B	Professor	
Muhammad Anwar	Member PC-B	Chief Librarian	
Osama A Qayoom	External Member PC-B	Head of Biomedical Engineering Department, DOW Univesity	
Muhammad Naveed Akhtar	External Member PC-B	Chief Accounts Officer, KIBGE UoK	
Mansoor All	Member PC-B	Manager IT	
Ahsan Yousuf	Member PC-B	Manager HR	
Mirza Mudassir Baig	Member PC-B	Senior Executive Finance	